

Inventor(s): Jose Cibelli et al.

Appl. No.: 09

467,076

Series Code ↑

Serial No. ↑

Filed: December 20, 1999

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Group Art Unit 1632

Examiner: J. Weitach

Atty. Dkt. P 0275781

M#

Client Ref

Appl. Title:

Embryonic or Stem-Like Cell Lines

Produced by Cross-Species Nuclear

Transplantation and Methods for

Enhancing embryonic Development by

Genetic Alteration of Donor Cells or by

Tissue Culture Conditions

Date: April 2, 2002

REPLY/AMENDMENT/LETTER

APR 02 2002

APR 03 2002

TECH CENTER 1600/2900

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☐ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☒ made previously

For B & C
See **Required**
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	57	**minus 54	3	x \$18/\$9 = + \$27	103/203
3. Independent Claims	2	***minus 3	0	x \$84/\$42 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)				+ \$280/\$140 = + \$0	104/204
5. Original due Date: January 2, 2002	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =	+ \$460		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8. Extension Fee Attached				+ \$460	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55		+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c),		+ \$180		+ \$0	126
or if Rule 97(d) Request		+ \$180			126
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$740/370		+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....		x \$740/370 ea		+ \$0	149/249
13. Request for Continued Examination (RCE)		+ \$740/370		+ \$0	1179/1279
14. Petition fee for				+ \$0	
15. TOTAL FEE ENCLOSED =				\$487	

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 015837 0275781

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT **does not authorize** charge of the **issue fee** until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Robin L. Teskin

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Jose Cibelli et al.

Application No. 09/467,076

Filed: December 20, 1999

Group Art Unit: 1632

Examiner: J. Woitach

RECEIVED

APR 03 2002

TECH CENTER 1600/2900

Title: EMBRYONIC OR STEM-LIKE CELL LINES PRODUCED BY CROSS-SPECIES NUCLEAR TRANSPLANTATION AND METHODS FOR ENHANCING EMBRYONIC DEVELOPMENT BY GENETIC ALTERATION OF DONOR CELLS OR BY TISSUE CULTURE CONDITIONS

* * * * *

AMENDMENT AND REPLY

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 2, 2001, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 20, please delete the paragraph starting at line 11 and replace it with the following paragraph:

B' --The preferred embodiment of the invention comprises the production of non-human primate or human embryonic or stem-like cells by transplantation of the nucleus of a donor human cell or a human cell into an enucleated human, primate, or non-primate animal oocyte, e.g., an ungulate oocyte, and in a preferred embodiment, a bovine enucleated oocyte. Preferably, the enucleated oocyte will also be injected with human cytoplasm (e.g., from at least one immature or mature oocyte or blastomere), or fused with a karyoplast (enucleated human oocyte or blastomere, or that of a higher primate) and/or human mitochondrial DNA.--

IN THE FIGURES:

Please insert Figures 1-5, which are duplicates of Figures 1-5 filed with PCT/US99/04608, which was incorporated by reference in its entirety.